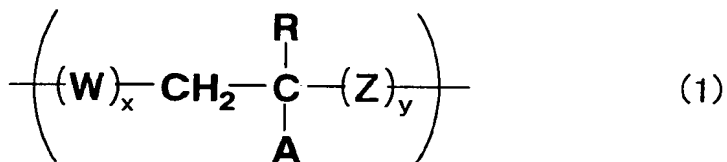


## CLAIMS

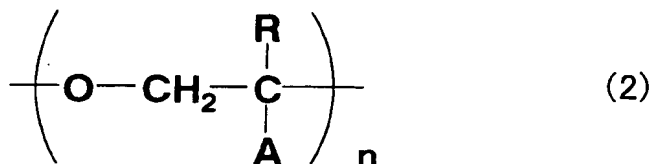
1. A polymer having at least a structural unit represented by the following Formula (1):



5

wherein A is a polymer of an olefin having 2 to 20 carbon atoms, the polymer having a weight average molecular weight of 400 to 500,000; R is a hydrogen atom, or an alkyl group or aralkyl group having 1 to 18 carbon atoms; W and Z are  
 10 each independently an oxygen atom, an NH group or a sulfur atom; and x and y are each 0 or 1, with the proviso that at least one of them is 1.

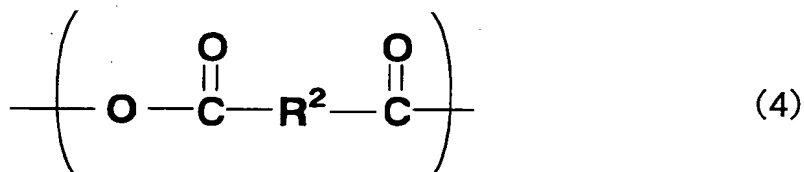
2. The polymer according to claim 1, which is a polymer (I)  
 15 having a structural unit represented by the following Formula (2) as the structural unit represented by Formula (1):



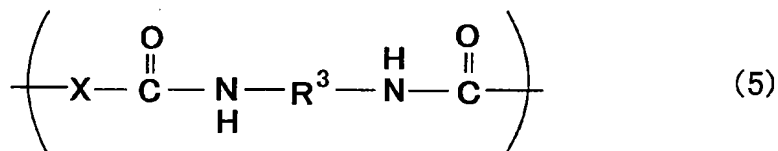
wherein A and R are as defined in Formula (1); and n is an integer of 1 or greater.

3. The polymer according to claim 2, which is a polymer  
5 having the structural unit represented by Formula (2) and having hydroxyl groups at both terminals.

4. The polymer according to claim 2, which comprises the structural unit represented by Formula (2) and at least one  
10 unit selected from the group consisting of the structural units represented by the following Formulas (4), (5) and (6), as the repeating unit:

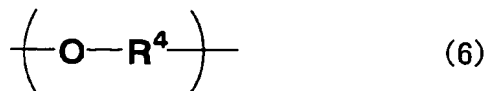


wherein R<sup>2</sup> is a divalent hydrocarbon group having 1 to 20  
15 carbon atoms which may contain heteroatoms;



wherein X is an oxygen atom or an NH group; and R<sup>3</sup> is a divalent hydrocarbon group having 1 to 20 carbon atoms which

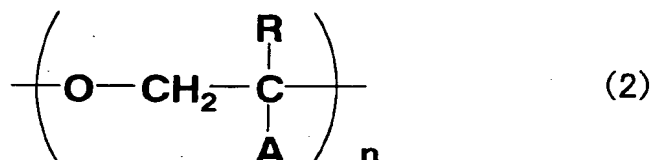
may contain heteroatoms; and



wherein  $\text{R}^4$  is a divalent hydrocarbon group having 1 to 20 carbon atoms which may contain heteroatoms.

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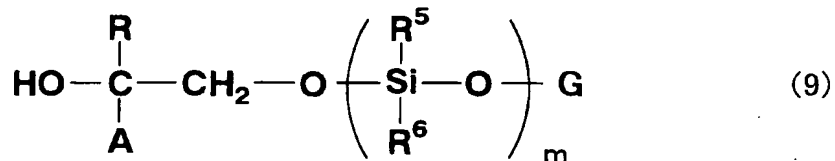
5. The polymer according to claim 1, which is a polysiloxane compound (II) containing the structural unit represented by the following Formula (2):



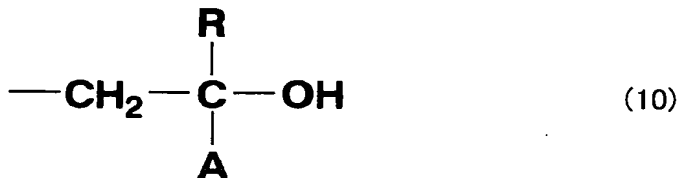
10 wherein A and R are as defined in the above-described Formula (1); and n is an integer of 1 or greater.

6. The polymer according to claim 5, wherein the polysiloxane compound is a compound represented by the

15 following Formula (9):



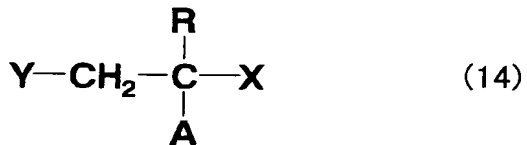
wherein A and R are as defined in the above-described Formula (1); R<sup>5</sup> and R<sup>6</sup>, which may be identical or different, are each a hydrogen atom, or an alkyl group having 1 to 10 carbon atoms or an aryl group; n is a number from 1 to 3,000; and G is a hydrogen atom, an alkyl group having 1 to 5 carbon atoms, an alkali metal or a group represented by the following Formula (10):



wherein A and R are as defined in the above Formula (1).

10

7. The polymer according to claim 1, which is a polymer (III) represented by the following Formula (14):

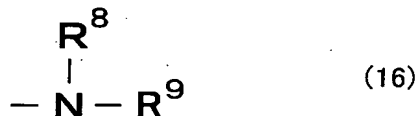


wherein A and R are as defined in the above Formula (1); X and Y are such that one of them is a hydroxyl group, a polyalkylene glycol group or an acyloxy group, and the other is a group represented by any of the following Formula (15), Formula (16) and Formula (17), a cyano group, a carboxyl

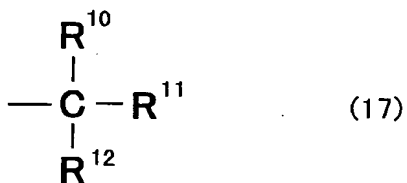
group, an ester group or an amide group; and X and Y may be bonded to each other to form a 5-membered ring:



wherein E is an oxygen atom or a sulfur atom; and  $R^7$  is a hydrogen atom, a hydrocarbon group, an acyl group or a polyalkylene glycol group;



wherein  $R^8$  and  $R^9$ , which may be identical or different, are each a hydrogen atom, a hydrocarbon group, an acyl group or a polyalkylene glycol group; and



wherein  $R^{10}$  to  $R^{12}$ , which may be identical or different, are each a hydrogen atom, a hydrocarbon group, an acyl group, a cyano group, a carboxyl group, an ester group or an amide group.

8. A composition comprising the polymer according to any one of claims 1 to 7.

9. A resin composition comprising the polymer according to any one of claim 1 to 7 and at least one material selected from the group consisting of salts of alkali metals or alkaline earth metals, surfactants, compatibilizing agents and polymer antistatic agents other than the polymer according to claim 2.

10

10. A resin composition comprising the polymer according to any one of claims 1 to 7 and other thermoplastic resin.

11. A resin composition containing the polymer according to any one of claims 1 to 7 and other thermoplastic resin, and further at least one material selected from the group consisting of salts of alkali metals or alkaline earth metals, surfactants, compatibilizing agents and polymer antistatic agents other than the polymer according to Claim 2.

20

12. An antistatic agent containing the polymer according to any one of claims 1 to 7.

13. An adhesive containing the polymer according to any one of claims 1 to 7.

14. A coating composition containing the polymer according  
5 to any one of claims 1 to 7.

15. A molded product formed by molding the composition containing the polymer according to any one of claims 1 to 7.

10 16. A molded product obtained by coating or printing on a molded product formed by molding a composition containing the polymer according to any one of claims 1 to 7.

17. A cosmetic material containing the polymer according to  
15 any one of claims 1 to 7.

18. A releasing agent for toner containing the polymer according to any one of claims 1 to 7.

20 19. A pigment dispersant containing the polymer according to any one of claims 1 to 7.

20. A lubricant for vinyl chloride resins, containing the polymer according to any one of claims 1 to 7.

21. An emulsion composition containing the polymer according to any one of claims 1 to 7.

5 22. An oxygen supplementing composition containing the polymer according to any one of claims 1 to 7.